

10 / 525 834
ET01 Rec'd PCT/PTC 25 FEB 2005Amendments to the Claims

This listing of claims will replace all prior versions and listings of claims in the application.

1. (currently amended) A current conducting terminal which is in contact with either a ~~the~~ positive or a ~~the~~ negative electrode of one battery and in contact with an electrode of opposite polarity of another battery for conducting current between the two batteries, comprising:

one electrode which is in contact with the either positive or negative electrode of the one battery;

another electrode which is in contact with the electrode of opposite polarity of the another battery; and

a conductive polymer which is placed between the one electrode and the another electrode.

2. (currently amended) A current conducting terminal according Claim 1, wherein a contact which is provided on the one electrode to contact ~~for~~ the one battery and a contact which is provided on the another electrode to contact ~~for~~ the another battery are exposed, while the other parts are encased in a resin body.

3. (currently amended) An electrical apparatus, comprising:

a battery box;

a seat which is provided on the battery box to support ~~, and supports~~ the current conducting terminal; and

a holding means which (a) is provided on the seat or the current conducting terminal according to Claim 2, and (b) secures the current conducting terminal.

4. (currently amended) A current conducting terminal which is in contact with either a ~~the~~ positive or a ~~the~~ negative electrode of a battery to supply current to a circuit, comprising:

one electrode which is in contact with the either positive or negative electrode of the battery;

another electrode which is connected to the circuit; and

a conductive polymer which is placed between the one electrode and the another electrode.

5. (currently amended) A current conducting terminal adapter which is attached to a current conducting terminal which is in contact with either a ~~the~~ positive or a ~~the~~ negative electrode of a battery for conducting current to a circuit, comprising:

a relay current conduction piece which comprises

one electrode which is in contact with the current conducting terminal;

another electrode which is in contact with the electrode of opposite polarity of the battery; and

a conductive polymer which is placed between the one electrode and the another electrode; and

a resin body which holds the relay current conduction piece, and is attachable to or detachable from the current conducting terminal;

~~wherein the relay current conduction piece includes:~~

~~one electrode which is in contact with the current conducting terminal;~~

~~another electrode which is in contact with the electrode of opposite polarity of the battery; and~~

~~a conductive polymer which is placed between the one electrode and the another electrode.~~